

**Texas Education Agency
Standard Application System (SAS)**

COPY

2018–2019 Technology Lending

Program authority:	General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 th Texas Legislature; Texas Education Code Section 32.301	FOR TEA USE ONLY Write NOGA ID here:
Grant Period:	May 1, 2018, to August 31, 2019	
Application deadline:	5:00 p.m. Central Time, February 6, 2018	RECEIVED TEXAS EDUCATION AGENCY FEB - 6 PM 2:00 DOCUMENT CONTROL CENTER GRANTS ADMINISTRATION
Submittal information:	Applicants must submit one original copy of the application with an original signature, and two copies of the application, printed on one side only and signed by a person authorized to bind the applicant to a contractual agreement, must be received no later than the aforementioned date and time at this address: Document Control Center, Grants Administration Division Texas Education Agency, 1701 North Congress Ave. Austin, TX 78701-1494	
Contact information:	Kathy Ferguson: techlending@tea.texas.gov; (512) 463-9087	

Schedule #1—General Information

Part 1: Applicant Information			
Organization name	County-District #	Amendment #	
The Lawson Academy	101864		
Vendor ID #	ESC Region #		
1-760496051	04		
Mailing address	City	State	ZIP Code
P.O. Box 88327	Houston	TX	77288-0327
Primary Contact			
First name	M.I.	Last name	Title
Cheryl	G	Lawson	Superintendent
Telephone #	Email address	FAX #	
(713) 741-3600	clawson@walipp.org	(713) 741-3603	
Secondary Contact			
First name	M.I.	Last name	Title
Jones	C	Mays	Technology Director
Telephone #	Email address	FAX #	
(901) 277-4652	jonesmays@gmail.com	(713) 741-3603	
Part 2: Certification and Incorporation			

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.

Authorized Official:

First name	M.I.	Last name	Title
Cheryl	G	Lawson	Superintendent
Telephone #	Email address	FAX #	
(713) 741-3600	clawson@walipp.org	(713) 741-3603	

Signature (blue ink preferred)

Date signed

2/5/2018

Only the legally responsible party may sign this application.

Schedule #1—General Information

County-district number or vendor ID: 101864 Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Required Attachments and Provisions and Assurances	<input checked="" type="checkbox"/>	N/A
4	Request for Amendment	N/A	<input checked="" type="checkbox"/>
5	Program Executive Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Program Budget Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Professional and Contracted Services (6200)	See Important Note For Competitive Grants*	<input type="checkbox"/>
9	Supplies and Materials (6300)		<input type="checkbox"/>
10	Other Operating Costs (6400)		<input type="checkbox"/>
11	Capital Outlay (6600)		<input type="checkbox"/>
12	Demographics and Participants to Be Served with Grant Funds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Needs Assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	Project Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Responses to Statutory Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	Responses to TEA Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

***IMPORTANT NOTE FOR COMPETITIVE GRANTS:** Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, the application will be disqualified.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
1	LEA Technology Plan Template	If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template.

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.

X	Acceptance and Compliance
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>General and Fiscal Guidelines</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the program guidelines for this grant.
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with all <u>General Provisions and Assurances</u> requirements.
<input checked="" type="checkbox"/>	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all <u>Debarment and Suspension Certification</u> requirements.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances
☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home
5.	The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.
12.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data

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Schedule #4—Request for Amendment

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 1: Submitting an Amendment

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail *or* by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Grants Administration Division, Texas Education Agency, 1701 N. Congress Ave., Austin, TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-9564.

The last day to submit an amendment to TEA is listed on the TEA Grant Opportunities page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

Part 2: When an Amendment Is Required

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend the Application" guidance posted in the Amendment Submission Guidance section of the Grants Administration Division Administering a Grant page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

Part 3: Revised Budget

			A	B	C	D
#	Schedule #	Class/ Object Code	Grand Total from Previously Approved Budget	Amount Deleted	Amount Added	New Grand Total
1.	Schedule #8: Contracted Services	6200	\$	\$	\$	\$
2.	Schedule #9: Supplies and Materials	6300	\$	\$	\$	\$
3.	Schedule #10: Other Operating Costs	6400	\$	\$	\$	\$
4.	Schedule #11: Capital Outlay	6600	\$	\$	\$	\$
5.	Total direct costs:		\$	\$	\$	\$
6.	Indirect cost (%):		\$	\$	\$	\$
7.	Total costs:		\$	\$	\$	\$

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By TEA staff person:

Schedule #4—Request for Amendment (cont.)

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 4: Amendment Justification

Line #	Schedule # Being Amended	Description of Change	Reason for Change
1.			
2.			
3.			
4.			
5.			
6.			
7.			

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Schedule #5—Program Executive Summary

County-district number or vendor ID: 101864

Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

The Lawson Academy, 5052 Scott Street, Houston, TX 77004

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

The Lawson Academy is a Public Charter School located in the historic Greater 3rd Ward neighborhood in Houston, TX. The Third Ward is a transitional neighborhood with a median income of \$33,771. The average income of greater Houston is \$42,877. However, the average income of our students is \$25,612, far below the average of the surrounding area. Approximately 43% of the neighborhood's population has had no or only some high school education. Most families do not have computers in the home to support student learning after-school. With higher education becoming more critical in the workforce, the administration of The Lawson Academy recognized that our student population has educational limitations due to the lack of household income and lack of access to technology at home and school. As a result, the administration decided to create the Technology Education for the Scholars of the Lawson Academy (TESLA) program.

Chromebook laptop computers purchased for the TESLA program can be checked out by eligible students of The Lawson Academy. In addition to the 2018-2109 Technology Lending Grant, Chromebook purchases will also be supported by the Title I, 1003 School Improvement Priority/Focus Grant. All enrolled students who are not identified as Special Education students are considered for participation in the TESLA Check Out Program. (Special Education students benefit from expanded access to technology and inclusion instruction methodologies.) The TESLA program goal is to increase the teaching and learning within the school and at home for students through the effective use of technology. Each major milestone was broken into Phases. We are currently in Phase IV of the Ten Phase Plan. The details of TESLA Phase IV are as follows:

- Technology Lending Program
 - Identify eligible students for this program (e.g., no access to a computer and Internet in the home, household income) who have participated in the Digital Citizenship strand of the Technology Application TEKS
 - With funding from the Title I, 1003 School Improvement Priority Fund, purchase 30 laptops for student checkout
 - With funding from the 2018-2019 Technology Lending Program Grant, purchase 105 laptops along with 150 hotspots and a year's supply of Internet for student checkout
 - Inventory and configure student laptops for checkout
 - Additional funds will be solicited to accommodate every student of The Lawson Academy who does not have access to a computer and Internet in the home.
- Creation of The Ideation Café (A student lead program to assist with the technology education needs of Lawson Academy students)
 - Student Tech Team will receive instruction in computer setup, laptop imaging, characteristics of computers, various units of a computer, system vs application software, open source, and computer security
 - Support content mastery in the Digital Citizenship strand of the Technology Application TEKS
 - Minor technology support (e.g., broken keys, configuration)
 - Monthly equipment testing (to reduce risk of damage or loss)
 - Management of the student laptop check-out and check-in
 - Providing "Just in Time" support for teachers in the classroom

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Schedule #5—Program Executive Summary (cont.)

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

- Partnership with Texas Southern University's College of Education and College of Science, Engineering and Technology
 - College of Education will provide professional development and best practice sharing with educators
 - School of Technology will provide mentoring and support to the Ideation Cafe
- Partnership with Wheeler Avenue Baptist Church, providing after-school tutoring and access to Internet
- Partnership with Comcast, national provider of Internet and cable services
 - Access to the Xfinity wifi network to our students via our pre-configured laptops
- Free hot spots and one year of Internet at eligible home locations (some multi-family complexes are ineligible for Comcast internet services)

With the 2018-2019 Technology Lending Program Grant, The Lawson Academy will be able to fully implement Phase IV of the Technology Education for the Scholars of the Lawson Academy (TESLA) program. Purchase of student laptops will be supported by equipment testing, management and support through The Ideation Café.

The Ideation Café is a student learning environment, supervised by the district technologist. The Café will provide education and resources to the faculty, parents, and students on how to effectively marry technology and learning. Student participation in the Café will be as a "Student Tech Team" that will be given technology based projects when not providing support with The Laptop Lending Program. Participation is contingent on the student(s) maintaining good grades and classroom/campus behavior. Students will direct some of their learning as they explore learning tools, learn how to complete simple technology repairs and gain greater knowledge about how to use technology in the classroom. The Café will be an after-school and before-school program on the campus of The Lawson Academy.

TESLA Phase IV also expands our capability to provide Internet access to our students outside of regular school hours. The Lawson Academy will partner with Comcast and Wheeler Avenue Baptist Church to allow students access to free Internet services after-school and before-school, whether in their homes or at the Wheeler Avenue Baptist Church. Comcast will allow the configuring of The Lawson Academy's devices to attach to their Xfinitywifi network.

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Schedule #6—Program Budget Summary

County-district number or vendor ID: 101864			Amendment # (for amendments only):		
Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 th Texas Legislature; Texas Education Code Section, 32.301					
Grant period: May 1, 2018, to August 31, 2019			Fund code: 410		
Budget Summary					
Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	\$0	\$0	\$0
Schedule #9	Supplies and Materials (6300)	6300	\$42,500.00	\$0	\$42,500.00
Schedule #10	Other Operating Costs (6400)	6400	\$0	\$0	\$0
Schedule #11	Capital Outlay (6600)	6600	\$0	\$0	\$0
Total direct costs:			\$42,500.00	\$0	\$42,500.00
Percentage% indirect costs (see note):			N/A	\$7,500.00	\$7,500.00
Grand total of budgeted costs (add all entries in each column):			\$42,500.00	\$7,500.00	\$50,000.00
Administrative Cost Calculation					
Enter the total grant amount requested:					\$50,000.00
Percentage limit on administrative costs established for the program (15%):					× .15
Multiply and round down to the nearest whole dollar. Enter the result.					\$7,500.00
This is the maximum amount allowable for administrative costs, including indirect costs:					\$7,500.00

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

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Schedule #8—Professional and Contracted Services (6200)		
County-district number or vendor ID: 101864		Amendment # (for amendments only):
NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.		
Professional and Contracted Services		
#	Description of Service and Purpose	Grant Amount Budgeted
1		\$0.00
2		\$0.00
3		\$0.00
4		\$0.00
5		\$0.00
6		\$0.00
7		\$0.00
8		\$0.00
9		\$0.00
10		\$0.00
11		\$0.00
12		\$0.00
13		\$0.00
14		\$0.00
a. Subtotal of professional and contracted services:		\$0.00
b. Remaining 6200—Professional and contracted services that do not require specific approval:		\$0.00
(Sum of lines a and b) Grand total		\$0.00

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #9—Supplies and Materials (6300)

County-District Number or Vendor ID: 101864		Amendment number (for amendments only):
Supplies and Materials Requiring Specific Approval		
		Grant Amount Budgeted
6300	Total supplies and materials that do not require specific approval:	\$42,500.00
Grand total:		\$42,500.00

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #10—Other Operating Costs (6400)		
County-District Number or Vendor ID: 101864		Amendment number (for amendments only):
Expense Item Description		Grant Amount Budgeted
6400	Operating costs that do not require specific approval:	\$0.00
Grand total:		\$0.00

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

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Schedule #11—Capital Outlay (6600)

County-District Number or Vendor ID: 101864

Amendment number (for amendments only):

#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
66XX—Computing Devices, capitalized				
1			\$	\$
2			\$	\$
3			\$	\$
4			\$	\$
5			\$	\$
6			\$	\$
7			\$	\$
8			\$	\$
9			\$	\$
10			\$	\$
66XX—Software, capitalized				
11			\$	\$
12			\$	\$
13			\$	\$
14			\$	\$
15			\$	\$
16			\$	\$
17			\$	\$
66XX—Equipment, furniture, or vehicles				
18			\$	\$
19			\$	\$
20			\$	\$
21			\$	\$
22			\$	\$
23			\$	\$
24			\$	\$
25			\$	\$
26			\$	\$
27			\$	\$
Grand total:				\$

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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RFA #701-18-103; SAS #274-18

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Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 1: Student Demographics of Population To Be Served With Grant Funds. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point.

Student Category	Student Number	Student Percentage	Comment
Economically disadvantaged	193	82%	
Limited English proficient (LEP)	2	<1%	
Disciplinary placements	0	0%	
Attendance rate	NA	94.67%	
Annual dropout rate (Gr 9-12)	NA	0%	

Part 2: Students To Be Served With Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type: ☐ Public ☒ Open-Enrollment Charter ☐ Private Nonprofit ☐ Private For Profit ☐ Public Institution

Students

PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
0	0	0	0	0	0	0	82	85	67	0	0	0	0	234

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Schedule #13—Needs Assessment

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Lawson Academy has been an Improvement Required (IR) campus for the 2016-2017 and 2017-2018 academic year. Continuing analysis of student needs has resulted in the implementation of differentiated instruction strategies which allows teachers to empower and engage students by accommodating each of their different learning styles. The Lawson Academy has activated proven technology applications for student learning including: Blended Space, Khan Academy, Schoology, Coach Digital, Kessler Science, Flocabulary, and Study Jams.

In the fall of 2016, a community partner donated 70 refurbished laptop computers that were deployed for student use. Many of those computers remain in the campus inventory, but advancements in technology since that time have resulted in those laptop computers no longer being effective for student learning. Given the higher processing speed required for web-based learning tools, these computers are now too slow to be useful.

The Lawson Academy provides one (1) Technology Lab on both campuses (boys campus and girls campus), with a total of 15 desktop computers in each of the Technology Labs. Students are assigned to classes in the Technology Lab for four (4) hours weekly. Instruction in the Technology Lab uses computers as one of three 'workstations' so that students are using computers for approximately eighty (80) minutes per week.

In the fall of 2017, Technology Lab instructors monitored after-hour student usage of Khan Academy. Students identified in Special Education are not expected to participate in rigorous web-based programs. Of the remaining 214 students in The Lawson Academy, only 16 or 7.4% were able to use a computer after-school.

Academy leadership and faculty have identified the critical need for additional computers to allow students to:

- learn after-school hours
- to apply technology resources to student projects
- reviewing digital content
- online discussions with teachers after-school
- online quizzes and surveys

With check-out laptops, faculty will capitalize on additional time using technology for after-school assignments to improve student learning. Students will be encouraged to bring their check-out laptop to campus for use in core content (Math, English/Language Arts and Reading, Social Studies, Science) and in supplemental content (Read 180, Math Solutions and Intervention) classes. With each of these classes offering 33% of class time in the "technology workstation", students will participate in an additional 80 minutes in each of five classes (Math, English/Language Arts and Reading, Social Studies, Science, and Math Solutions). That totals approximately six and two-thirds (7) additional hours of time using technology per week.

Investment of Title I, 1003 School Improvement Priority dollars are planned for spring, 2018. The thirty (30) computers purchased under the Title I, 1003 School Improvement Priority dollars will be available for students on the campus and for check-out to their homes.

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	Current Achievement	Desired Outcome	Need
Teacher Laptops	20	20	
Student Laptops	30	105	135 laptop computers so that students have access to a check-out laptop for use at home (30 laptops will be funded by Title I, 1003 School Improvement)
Student/Laptop Ratio	14:1	1:1.7	Access to additional laptops
Classroom Usage* (avg per week)	80 mins (1½ hrs)	480 mins (8 hrs)	Increase use of computers by up to 6½ hrs per week while providing training and adequate equipment
Home Usage* (avg per week)	< 1 hr	5 hr	increase to 5 hrs per week. Students and parents will be required to sign agreement to use laptop for educational purposes when signing out equipment
Internet Connectivity (home)	21.3%	100%	accessible and affordable connectivity options
High Speed Connectivity > 5mbps (home)	12%	100%	accessible and affordable connectivity options

*usage indicates time spent for educational purposes

Schedule #13—Needs Assessment (cont.)

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 2: Alignment with Grant Goals and Objectives. List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Identified Need	How Implemented Grant Program Would Address
1.	Student Laptops	Program funds will be used to purchase 135 student laptops (30 of the laptops would be provided by Title I, 1003 School Improvement funds). The purchase will allow more than 57% of the students to have Academy-provided laptops.
2.	Internet Connectivity and High Speed Connectivity > 5mbps (home)	The program will allow computers to be attached to Academy-provided hotspots and Internet connection for high speed connectivity.
3.	Increased usage of technology for educational purposes in the classroom and at home	This program will encourage increased usage by: <ul style="list-style-type: none"> • Creation of The Ideation Café • Professional development to support teachers on how to effectively utilize classroom technology • Technology Lending Agreement, signed by student and parent, agreeing to utilize laptop and Internet for educational purposes

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RFA #701-18-103; SAS #274-18

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Schedule #14—Management Plan

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1	Superintendent	Cheryl Lawson, Rice University MBA and Executive Director of Charterholder 8 Years as School Superintendent
2	Technology Director	Jones Mays, MS 20 Years in K-12 Education
3	Principal	Dr. Marthea Raney, Ed.D. 38 years in Education
4		
5		

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone	Begin Activity	End Activity
1	Award Process	1. Award Notification	03/01/2018	03/30/2018
		2. Budget modification if required	04/02/2018	04/30/2018
		3. Board Approval	03/21/2018	04/21/2018
		4. TESLA committee organizational meeting	03/27/2018	03/27/2018
		5. Meet with Grant Partners	04/24/2018	04/24/2018
2	Procurement & Delivery	1. Laptops are ordered	05/02/2018	05/02/2018
		2. Laptops are tagged and input into campus inventory	05/14/2018	05/28/2018
		3. Hotspots are ordered	05/03/2018	05/03/2018
		4. Hotspots are tagged and input into campus inventory	05/14/2018	05/28/2018
3	Inventory & Disbursal	1. Laptops are imaged	05/21/2018	05/28/2018
		2. Equipment is secured for summer storage	05/28/2018	06/01/2018
		3. TESLA distribution and management plan prepared	06/01/2018	06/30/2018
		4. Technology Lending Agreement formalized	06/01/2018	06/30/2018
		5. Board approves Technology Lending Agreement	06/23/2018	06/23/2018
4	Start of Program	1. Campus Meeting to present TESLA program	08/20/2018	08/20/2018
		2. Parent meeting for laptop checkout	08/30/2018	08/30/2018
		3. Creation of The Ideation Café	09/03/2018	09/03/2018
		4. Laptops and hotspots checked out to students	09/03/2018	09/17/2018
5	Follow up and Reporting	1. Benchmarks set with TESLA committee	08/20/2018	08/20/2018
		2. Monthly status reports are submitted to TESLA committee	08/20/2018	08/31/2019
		3. Final report sent to TESLA committee	09/2019	09/2019
		4. Final Report sent to TEA	09/2019	09/2019

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	5.		
Unless pre-award costs are specifically approved by TEA, grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.			

Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 101864

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The District Technologist conducts weekly monitoring of student after-hours use of laptops checked out via online analysis, e.g., Khan Academy. The District Technology conducts weekly monitoring of hotspot use, verifying that usage is educational and affiliated with academic resources identified by campus faculty. Campus Curriculum and Instruction Specialist will monitor technology assignments to insure technology is used effectively to advance student learning.

All laptops are required to be returned to The Ideation Café monthly for maintenance and to avoid equipment loss. District Technologist is authorized to disable laptop and hotspot usage when student does not return equipment as scheduled.

TESLA Committee and faculty provide regular opportunities for continual open communication with parents on how they can support academic student progress. The Lawson Academy adopts student led conferences where parents and teacher attend semi-annually and that allow students to take ownership of their own progress towards predetermined individual goals through classroom and after-hours learning.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Lawson Academy is committed to sustaining the program's components after the life of the grant. District funding for additional computers (as needed based on enrollment), repairs or replacement is in place and will be approved at the time of funding by the Board of Directors and campus leadership. This is one component of the multi-year technology strategy to activate student learning during and after-school. When students who need to have computers and Internet can participate in this program, it enhances the effectiveness of instruction since learning continues after-school. Monitoring of the program's effectiveness is incorporated into the faculty assessments. Using the laptop for additional minutes of student learning will enable faculty to increase assignments, knowing that students have access to a computer in the home. The impact of additional instruction time on task, after-school hours, will be significant. The Curriculum and Instruction Specialist will oversee assignments and measure content effectiveness for this program monthly.

Schedule #15—Project Evaluation

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On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

County-district number or vendor ID: 101864		Amendment # (for amendments only):	
Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.			
#	Evaluation Method/Process	Associated Indicator of Accomplishment	
1.	Application Logs/Partner Logs	1.	Number of devices accessing applications assigned by faculty
		2.	Number of students utilizing grant partners
		3.	
2.	Parent/Student Survey	1.	Pre-and post data
		2.	
		3.	
3.	Parent Permission Agreement	1.	Number of parents agreeing to participate in check out program
		2.	Responsible Use Policy signed
		3.	
4.	Maintenance Records	1.	Number of laptops or hotspots damaged
		2.	Severity of maintenance request(s)
		3.	Number of laptops or hotspots unable to be repaired by Tech Team
5.	Inventory	1.	Number of laptops or hotspots lost or Stolen
		2.	Length of time laptops or hotspots are checked out for home use
		3.	
Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.			
The Lawson Academy will have continuous evaluation of this program though the TESLA initiative. The TESLA Committee will evaluate the programs' accountability measures at monthly meetings or as needed. The accountability Measures are as follows:			
<ol style="list-style-type: none"> 1. Technology Director will be required to keep logs of activities including software utilization, professional development, technical support, Student Tech Team training, and instructional classroom support. 2. Technology Director will submit bi-weekly student device Check Out reports. 3. Technology Director will report excessive damage of laptops or hotspots. 4. The Interactive Competency Assessment of Technology (ICAT) tool will be used to monitor teacher technology skill proficiency. 5. The Online Technology Skills Assessment for Students (OTSA-S) will be used to monitor student technology skill proficiency. 6. Logs of TESLA equipment use will be kept and reviewed monthly by the TESLA committee. 7. Administrators will mandate the consistent and effective use of technology for after-school learning and teachers' attendance at professional development sessions provided by program partners will be mandatory. Records of use and professional development attendance will be kept. 8. Lead Teachers will be required to meet with the District Technologist on a regular basis to assist in delivering training to other teachers. 9. Administrators will mandate technology integration and will monitor this through submitted lesson plans and classroom observation. 			

Schedule #16—Responses to Statutory Requirements
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On this date:

By TEA staff person:

County-district number or vendor ID: 101864	Amendment # (for amendments only):
Statutory Requirement 1: Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.	
<p>Currently the Lawson Academy has a great need for the equipment that this grant will provide. Although the Technology Labs (boys' campus and girls' campus) provide desktop computers, there are 70 laptops which are not useful when operating current web-based technologies. According to our needs analysis, more than 70% of students do not have access to an Internet-capable device in the home. The Lawson Academy has made a commitment to technology-infused education through the TESLA program, and has made a financial commitment to the purchasing of student technology devices. Use of the Title I, 1003 School Improvement Fund will support purchase of 30 laptop computers to be included in the TESLA program. Technology is one of the tools which students are able to use when showing parents what they know and are learning in school.</p>	

Schedule #17—Responses to TEA Program Requirements

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Changes on this page have been confirmed with:	On this date:
Via telephone/fax/email (circle as appropriate)	By TEA staff person:

County-district number or vendor ID: 101864	Amendment # (for amendments only):
TEA Program Requirement 1: Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.	
<p>The Lawson Academy Charter Application commits to providing teachers and students with powerful tools by infusing technology into classroom and after-hours learning. In the "Report on Effectiveness of Technology in Schools" (by Jay Sivin-Kachala and Ellen R. Bialo), the researchers found that technology can lead to improvement in performance most notably in math, science, social studies, and language arts.</p> <p>The Lawson Academy student performance in mathematics and in reading was below the state standard in 2017 as evidenced by STAAR results. Because of the district's Improvement Required status, Academy leadership is focused on advancing resources that will positively impact student performance. When using technology, "at risk" students demonstrated: improved attitude, improved confidence, and improved writing skills.</p> <p>The 2018-2019 Technology Lending grant can provide significant technology resources to the students whose homes do not provide computer and Internet access. The large number of effective web-based applications available for student learning can be used in conjunction with classroom instruction. The ability to practice concepts delivered during instruction enables students to learn at their own pace.</p>	

Schedule #17—Responses to TEA Program Requirements (cont.)	
County-district number or vendor ID: 101864	Amendment # (for amendments only):
TEA Program Requirement 2: Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.	
<p>The Lawson Academy has a well thought out plan to extend its learning environment beyond regular school hours and beyond its doors. We will do this by partnering with Comcast and Wheeler Avenue Baptist Church.</p> <ol style="list-style-type: none"> 1. The Lawson Academy will purchase and configure 150 hotspots to provide Internet access. 2. The Lawson Academy will purchase and configure 135 check out laptops to connect to the hotspots (105 laptops are to be purchased by the 2018-2019 Technology Lending grant). 3. The Lawson Academy will activate Internet for the academic year (August, 2018 - June, 2019) for students who check out the laptops and hotspots. 4. The Lawson Academy will activate Internet for the academic year (August, 2018 - June, 2019) for students who check out the hotspots (but who already have a computer in the home to be dedicated for student learning). <p>Support of connectivity issues after hours will be provided by Comcast. During regular school hours, support will be provided by The Ideation Café, which consists of the District Technologist, expertise from Texas Southern University's School of Technology and Student tech team members.</p>	

Schedule #17—Responses to TEA Program Requirements (cont.)	
County-district number or vendor ID: 101864	Amendment # (for amendments only):
TEA Program Requirement 3: Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.	

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The vision of The Lawson Academy is to create a student-centered, collaborative academic environment in which students utilize innovative learning approaches and technologies to become college and career ready. The overall goal is that students meet or exceed the state standard of 65% or higher and that all students show progress as evidenced by the progress measure indicated by the state.

Multiple strategies are in place to achieve the goal:

- Adoption by campus leadership of multiple web-based learning tools requires appropriate technology to benefit students. The Lawson Academy has activated proven technology applications for student learning including: Blended Space, Khan Academy, Schoology, Coach Digital, Kessler Science, Flocabulary, and Study Jams.
- Implementation of Student Led Conferences (SLEDs) as a way for students to display their schoolwork as well as discuss their learning, educational goals, and strategies to meet these goals. Through the TESLA program, students model the SLED process by actually showing parents what they know and are learning in school every day and parents are exposed to materials and activities that students engaged in while using the laptop at home.
- Students are eligible to receive the TESLA laptop and hotspot unless their campus or classroom behavior is appropriate. The TESLA program is an incentive for good behavior at The Lawson Academy.

TEA Program Requirement 4: Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Lawson Academy has been mandated the use of digital instructional materials in English, Language Arts, Mathematics and Science. Some of the digital instructional materials we are currently using are as follows:

- Blended Space
- Khan Academy
- Coach Digital
- Kessler Science
- flocabulary
- Websmart
- Staar Testing
- Study Jams
- Office 365

This list is not exhaustive. As the success of this program increases and enriches our learning environment, increased use of digital instructional materials will be considered.

Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 101864

Amendment # (for amendments only):

TEA Program Requirement 5: Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

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The Lawson Academy has consistently updated technology at the campus. In advance of the 2017-2018 school year, technology infrastructure was upgraded as part of a move to the current location. The upgraded infrastructure was designed to accommodate more than 400 devices, including teacher laptops, network printers, Technology Lab desktops and student laptops. Enhancements included:

- 1 - Cisco 890 Series Gigabit Ethernet Security Router G-49076
- 3 - Cisco 2960-Plus Series 24-Port Power over Ethernet Switch
- 2 - Cisco 2960-Plus Series 48-Port Fast Ethernet Switches
- 1 - Cisco 2960-X Series 48-Port Gigabit Ethernet Switches
- 2 - Cisco 2960-Plus Series 48-Port LAN Lite Fast Ethernet Switches
- 1 - Cisco ASA 5506-X Security Appliance
- 10 Cisco access points
- Comcast Fiber network

Network security was enforced across the campus to avoid 'rogue devices' which negatively impact bandwidth and response times. In 2016, a District Technologist was added to the staff and is responsible to maintain and enhance campus technology.

Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 101864

Amendment # (for amendments only):

TEA Program Requirement 6: Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The TESLA laptop checkout and check in process will be run through The Ideation Café and will be overseen by the District Technologist.

- After parents participate in the Parent Meeting on August 30, 2018 and complete all required agreements, eligible students will be able to check out the TESLA laptop.
- Parents must demonstrate proof of insurance for the TESLA laptop (insurance will be available through the campus).
- There is a 1:1.7 relationship with TESLA laptops. Some students have computers at home, but no access to the Internet. Where there is competing need, The Lawson Academy faculty will authorize assignment. If sufficient student(s) are ineligible, TESLA laptops and hotspots will be used as backup or replacement devices.
- Parents and students will be required to register for the check out and signatures on the Technology Lending Agreement.
- Each laptop and hotspot is expected to be brought back to The Ideation Café monthly for a 'wellness checkup' and maintenance. If a student does not return the equipment at the appointed time, the device will be disabled to require its return.
- If student behavior is determined to be unsatisfactory as indicated by the Principal, the District Technologist will be able to disable the computer from user.
- At the time of student withdrawal, confirm receipt of TESLA laptop.
- At the end of each academic school year, confirm receipt of TESLA laptop.

The District Technology will:

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1. Maintain an accurate inventory of TESLA laptop, hotspot, software configuration and userid/password combinations for all student users.
2. Oversee the checkout process, using Asset Tiger for inventory control.
3. Maintain checkout documentation (Fixed Asset forms, Parents Contacts, Student Contacts) with the assistance of campus administration.
4. Monitor student utilization of web-based software weekly and provide report to campus leadership.
5. Provide monthly utilization and maintenance reports to the TESLA Committee.
6. Coordinate and prioritize the maintenance of all TESLA laptops and hotspots.
7. Oversee minor repairs with Student Tech team and resources from the Texas Southern University Department of Technology.
8. Coordinate major repairs of devices through HP Care Pack Pick-Up and Return Services.

TEA Program Requirement 7: Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The Lawson Academy uses Asset Tiger for recording technology details, asset value, depreciation and physical location. TESLA laptops and hotspots will be inventoried and assigned to a specific student upon check out. Laptops and hotspots are to be inspected monthly and repair(s) completed in The Ideation Café or overseen by the District Technologist. Equipment will be included in Fixed Asset reporting during the annual audit(s).

All TESLA laptops and hotspots will be insured by The Lawson Academy as part of the campus coverages. In addition, the parent(s) of the student(s) checking out the laptop will be required to insure the equipment. Insurance will include a compressive damage insurance policy maintained for the duration of the equipment's life. Parents and students will be required to sign a Technology Lending Agreement that establishes parental financial responsibility upon equipment loss or theft.

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